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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Raghavan, Sreen; Sallaway, Peter J.
Assignee: National Semiconductor Corporation
Title: Detector For A Gigabit Ethernet Receiver
Serial No.: 09/560,109 Filing Date: April 28, 2000
Examiner: Unknown Group Art Unit: 2734
Docket No.: M-5628 US

San Jose, California
January 8, 2002

COMMISSIONER FOR PATENTS
Washington, D.C. 20231

**INFORMATION DISCLOSURE STATEMENT
UNDER 37 CFR § 1.97(b)**

Dear Sir:

Pursuant to 37 C.F.R. § 1.56, § 1.97 and § 1.98, the documents listed on the accompanying form PTO-1449 are called to the attention of the Examiner for the above patent application. Copies of these documents are enclosed.

Citation of these documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant invention;

2. a representation that a search has been made; or

LAW OFFICES OF
SKJERVEN MORRILL
MacPHERSON LLP
25 METRO DRIVE
SUITE 700
SAN JOSE, CA 95110
(408) 453-9200
FAX (408) 453-7979

3. an admission that the information cited herein is, or is considered to be,
material to patentability as defined in § 1.56(b).

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Respectfully submitted,



Gary J. Edwards
Attorney for Applicants
Reg. No. 41,008

LAW OFFICES OF
SKJERVEN MORRILL
MacPHERSON LLP

25 METRO DRIVE
SUITE 700
SAN JOSE, CA 95110
(408) 453-9200
FAX (408) 453-7979

U.S. Department of Commerce, Patent and Trademark Office	Atty Docket No.	Serial No.
	M-5628 US	09/560,109
INFORMATION DISCLOSURE STATEMENT BY APPLICANT		Applicant(s)
(Use several sheets if necessary)		Raghavan, Sreen; Sallaway, Peter J.
Filing Date		Group
April 28, 2000		2734

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	4,456,893	6/26/1984	Otani	333	18	
	AB	4,701,936	10/20/1987	Clark et al.	375	14	
	AC	4,888,560	12/19/1989	Ogura	330	254	
	AD	4,974,185	11/27/1990	Ohno et al.	364	724.13	
	AE	5,031,194	7/9/1991	Crespo et al.	375	14	
	AF	5,119,196	6/2/1992	Ayanoglu et al.	358	167	
	AG	5,245,291	9/14/1993	Fujimura	324	617	
	AH	5,291,499	3/1/1994	Behrens et al.	371	43	
	AI	5,465,272	11/7/1995	Smith	375	295	
	AJ	5,481,564	1/2/1996	Kakuishi et al.	375	230	
	AK	5,502,735	3/26/1996	Cooper	371	43	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL	2-215236	8/28/1990	Japan	7	005		X
	AM	0410399 A2	1/30/1991	Europe	H04N	5/44	X	
	AN	6-334692	12/2/1994	Japan	H04L	25/08	X	
	AO	08172366A	7/2/1996	Japan	H03M	13/12	X	
	AP	8-116275	5/7/1996	Japan	H03M	13/12	X	

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Lee, E.A. et al., "Digital Communications" (1988), pp. 34-42.
AR	Lee, E.A. et al., "Digital Communications" (1988), pp. 319-345.
AS	Sklar, B., "Digital Communications, Fundamentals and Applications" (1988), pp. 333-337.

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate
	AA	5,602,507	2/11/1997	Suzuki	329	304	
	AB	5,617,450	3/1/1997	Kakuishi et al.	375	230	
	AC	5,638,065	6/10/1997	Hassner et al.	341	59	
	AD	5,654,667	8/5/1997	Adachi	329	306	
	AE	5,809,079	9/15/1998	Hayashi	375	262	
	AF	5,818,378	10/6/1998	Cheng et al.	341	155	
	AG	5,841,478	11/24/1998	Hu et al.	348	426	
	AH	5,841,484	11/24/1998	Hulyalkar et al.	348	607	
	AI	5,859,861	1/12/1999	Oh	371	43.7	
	AJ	5,872,668	2/16/1999	Muto	360	65	
	AK	5,895,479	4/20/1999	Suganuma	708	301	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	AL	DE19626076	1/2/1997	Germany	H03M	13/12		X
	AM	WO97/11544	3/27/1997	PCT	H04L	25/03	X	
	AN	9-148944	6/6/1997	Japan	H03M	13/12	X	
	AO	9-153845	6/10/1997	Japan	H04B	3/04	X	
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	Oppenheim, A.V. et al., "Discrete-Time Signal Processing" (1989), pp. 149-191.
AR	ANSI, Fibre Distributed Data Interface-Part: Token Ring Twisted Pair Physical Layer Medium Dependent (March 1995), pp. 1-81.
AS	IEEE, Standard 802.3u (1995), pp. 1-393.

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	AA	5,909,384	6/1/1999	Tal et al.	364	724.19		
	AB	5,940,442	8/17/1999	Wong et al.	375	232		
	AC	5,949,819	9/7/1999	Bjarnason et al.	375	222		
	AD	5,960,011	9/28/1999	Oh	371	46		
	AE	5,982,818	11/9/1999	Krueger et al.	375	265		
	AF	5,986,831	11/16/1999	Muto	360	46		
	AG	6,035,007	3/7/2000	Khayrallah et al.	375	341		
	AH	6,038,269	3/14/2000	Raghavan	375	340		
	AI	6,047,022	4/4/2000	Reuven	375	222		
	AJ	6,115,418	9/5/2000	Raghavan	375	233		
	AK	6,148,046	11/14/2000	Hussein et al.	375	345		
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		Document	Date	Country	Class	Subclass	Yes	No
	AL							
	AM							
	AN							
	AO							
	AP							
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)								
	AQ	IEEE, Draft P802.3ab/D1.1 (1997), pp. 1-125.						
	AR							
	AS							
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